0500
#6

#2

OIPE

RAW SEQUENCE LISTING   DATE: 09/26/2000
PATENT APPLICATION: US/09/663,779   TIME: 12:25:24

Input Set : D:\BT_CHROMOSOME.rpt
Output Set: N:\CRF3\09262000\I663779.raw

```
  1 <110> APPLICANT: Corbin, David R.
  2         Malvar, Thomas M.
  3         Shukla, Hridayabhiranjan
  5 <120> TITLE OF INVENTION: BACILLUS THURINGIENSIS CHROMOSOMAL GENOME SEQUENCES AND USES
  6         THEREOF
  8 <130> FILE REFERENCE: 38-21(51376)B
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/663,779
C--> 10 <141> CURRENT FILING DATE: 2000-09-15
  10 <150> PRIOR APPLICATION NUMBER: 60/154,678
  12 <151> PRIOR FILING DATE: 1999-09-17
  14 <160> NUMBER OF SEQ ID NOS: 8283
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  17 <211> LENGTH: 371
  18 <212> TYPE: DNA
  19 <213> ORGANISM: Bacillus thuringiensis
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  25 tctactggaa atttcatcat accttcaata atacccctta aattatcaaa ctccattacc  120
  27 tcttgactct attcgtaaat aactacactt ttttgacaaa atacattatc atatcccatc  180
  29 aactacctac ctgcatcata cttatttcct tcaacacatt tttaatacat atactacccc  240
  31 accagaaacc attttacttt caatcgactt aaaatcatcc acaccaacgc actccatcat  300
  33 ctctcacata ttatctaaac caaactcccc cattaattca tcttccatcc ataaaacata  360
  35 cctgcctaac a                                                       371
  38 <210> SEQ ID NO: 2
  39 <211> LENGTH: 422
  40 <212> TYPE: DNA
  41 <213> ORGANISM: Bacillus thuringiensis
  43 <400> SEQUENCE: 2
  45 gaaagccttg cccccaattc caaatttctt cccccctttc tttgggttgg ggcggttttt   60
  47 accaccgatg gggtttttaa aatgtcccgg gcgtcattcc cgccttaatt ttaaaaaacc  120
  49 cttcttttga gcccattttt ggtgggggga agccgttttt tttagggtct tccaggggggg  180
  51 gcccttttgg aaacccctcc gggacccccag cttaatttat ttggaaaaaa agccttcctt  240
  53 ttgaaccccca aaggggggcaa atccttttttt ggaatggagc ctgccttttt ttggccctcc  300
  55 tcaagattaa aggtttttcct ttggattttt caaaaacccc aagggtttta agggcctttt  360
  57 atcccagggc ctttgaaaat gttgggggggg gccccaaggg tattggcccg ggatattttta  420
  59 aa                                                                  422
  62 <210> SEQ ID NO: 3
  63 <211> LENGTH: 388
  64 <212> TYPE: DNA
  65 <213> ORGANISM: Bacillus thuringiensis
  67 <400> SEQUENCE: 3
  69 atgcgagatt attaatagtc tacgcaatgg atcgagtttt tttaatcaga cctaccagcg   60
  71 caagcagcgg gattagttga ctatcgagtg tatgcttata cgtttgtatg acaacaacat  120
  73 cccaggacta gcgagtagga acgtatgcaa ctcaagaccc ataagaacta gggatgtccg  180
  75 atgcatgagc tttgaaacac tggaaacgga tgcatgtctt gtcaagggtg ggcttgaacc  240
  77 cttagcagcc tgtgttctcc attcacttgg aaatatgaac ttgaccagac acacatgtgc  300
  79 accgcgttaa taacagggta tgttagaacc gaaaattgta gtaagatatg aagtaaagcc  360
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ENTERED

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          RAW SEQUENCE LISTING                      DATE: 09/26/2000
          PATENT APPLICATION:  US/09/663,779        TIME: 12:25:24

          Input Set : D:\BT_CHROMOSOME.rpt
          Output Set: N:\CRF3\09262000\I663779.raw

    81 ttcagaacag aggcatttta ccaaagac                               388
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    85 <211> LENGTH: 387
    86 <212> TYPE: DNA
    87 <213> ORGANISM: Bacillus thuringiensis
    89 <220> FEATURE:
    90 <221> NAME/KEY: unsure
    91 <222> LOCATION: (1)...(387)
    92 <223> OTHER INFORMATION: unsure at all n locations
W--> 93 <400> SEQUENCE: 4
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    97 tgttgttttt atagcttagc caattggctg aatttttgct ggtttttatt ttaacacagc 120
    99 gacatgatcc attatttaat cgtatgccaa cttaccaatt actgcttgaa tacgacgagg 180
   101 tgatggaccg ataccagact cagtgacgag ttccgaaaat accgatagaa gctgaatttt 240
   103 aaacgcgact gccaccacag agctctcagc tgctatcgcc aactagtaca ccgcgcacaa 300
   105 caacgtgcgt cttttcaccg aataaagcca tatgagccca tttattacgc ttatgcgcat 360
   107 gctttgtgag aacactcaac atcaata                                    387
   110 <210> SEQ ID NO: 5
   111 <211> LENGTH: 509
   112 <212> TYPE: DNA
   113 <213> ORGANISM: Bacillus thuringiensis
   115 <400> SEQUENCE: 5
   117 ttcaactaaa gcaattgttg caccatttgc agagtttatt gccattgcct catataactc  60
   119 ttttaccgta taagagccac cattttctaa tggaacattt gatagtgaac gatcttgcga 120
   121 aatcttatgt gcatattcag agattttaac tctttgatcc catttaagtt ttcctttatc 180
   123 caccgattca tgaactaagt attcgctcat cattttttgtc atactagcaa ttgccaatga 240
   125 ttcatctgca ttttttttcat agtaaatttt tccggaattt gcttgtatta aaattgctga 300
   127 tcctgcttca acgtctatag caggaactgt ctgcgctgct gcttttccaa ttggtacgac 360
   129 catgctacaa aatagtgtaa gcactgttac tattgcaata actctcttgc aaaacatacc 420
   131 ttacacttct gttacctaca atttctttgc actaaaaaaa gcgttattct aacatagtct 480
   133 cgcagaagat agacagtgtt ctcaaatat                                  509
   136 <210> SEQ ID NO: 6
   137 <211> LENGTH: 453
   138 <212> TYPE: DNA
   139 <213> ORGANISM: Bacillus thuringiensis
   141 <400> SEQUENCE: 6
   143 tttatcatgc tgccaacgct ttctgtacac attttcccat tcgcgatctt catatgtttc  60
   145 ttgtgtatga ttatcgttat aacgatctat tggtgaaaaa tattttaaac gtctcattag 120
   147 tgctgaagtt tttttcttca tactgttcac tcctcgtata gtatgtttaa acttaatttt 180
   149 tttactttca tgagagacct gtaaaataac tcttggacgt ctcaagatat ttctagataa 240
   151 tggtcttagg atcatttggg acaattctta ccgctcctgt ggacttacca cataattaag 300
   153 agtgtttctc agtgaacgtg cgggactccc tactcgcagg ctgagcagcc tgaccctcga 360
   155 acctaagatg gttagtagct ctagggcggc tttcgattca ggactaagct ctcatacacg 420
   157 aggttgttgg tcggcgtgca cactagagat atc                              453
   160 <210> SEQ ID NO: 7
   161 <211> LENGTH: 496
   162 <212> TYPE: DNA
   163 <213> ORGANISM: Bacillus thuringiensis
   165 <400> SEQUENCE: 7
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                RAW SEQUENCE LISTING              DATE: 09/26/2000
                PATENT APPLICATION:  US/09/663,779    TIME: 12:25:24

                Input Set : D:\BT_CHROMOSOME.rpt
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    167 cagataaagg gattattatt atagaagctg gcgcaaatgg ttcaaacgac ttagataatt    60
    169 ttaaagatcg taatggaaaa aagattttaa atcgaaatag tccagacttc aaggattcag   120
    171 gtgctattat ggttgggggcg ggatcatcaa ctgttccaca tcaacgttta tggttttcaa   180
    173 attatggaag tcgattagat gtatatggat ggggagaaaa tgttgataca acatcagcaa   240
    175 atccaagtca aaatactaca aatttatata catcaacatt tagtggaaca tcaagtgctt   300
    177 caccaattat tgctggagca gcaacttcga ttcaaggtat tgctaaagaa catcgaggtt   360
    179 ctccttatac accagccgaa ttaagaaata tcttaagtaa tccgaataca ggaacaaaat   420·
    181 ctcaagatcc gtggaatgat agaataggtg ttttacctga tctaaaatct atattagata   480
    183 acttaggttt taattc                                                   496
    186 <210> SEQ ID NO: 8
    187 <211> LENGTH: 524
    188 <212> TYPE: DNA
    189 <213> ORGANISM: Bacillus thuringiensis
    191 <400> SEQUENCE: 8
    193 acaaagcgct tgtaatgcgt tcacataatc ccctaatttt ttagacttat ccattccgaa    60
    195 tatagtttga actaacatat acattctccc ctttatatgt actgttaaca cctcaatgat   120
    197 aacgcttaca ttatttatcg tcaataaaaa cattcaattg ttttaacacc aaatctatat   180
    199 tgtatcgagc caataatcag cgaggaattc cccgccaatt aaagtttcac tttatcccgc   240
    201 attaactgcc cgtaaaagcc cgattggtga gggctgataa tcagtgggag aggaacaacc   300
    203 tcccactgat taaagtttca ctttatcact tcgttaattg atgcctaaat gcataaataa   360
    205 ccgcctgagt acggtcactt acattcaatt tatttaatat attactcaca tgtgtctta    420
    207 ccgtttcag tgcaataaat aactcgtccg caatctcttg attactttt ccctctgcaa    480
    209 ttaataacaa aatctcaaac tctctttccg ttaaatcatc atgc                     524
    212 <210> SEQ ID NO: 9
    213 <211> LENGTH: 296
    214 <212> TYPE: DNA
    215 <213> ORGANISM: Bacillus thuringiensis
    217 <400> SEQUENCE: 9
    219 gcaaagacgt atgaacaatg tatgggtttc ttacgtatac tagaaggagc gaatccatta    60
    221 gatcgaacag gtattcatcc agagcaatat aagaatgttg aattgttatt gaagagtcta   120
    223 gggttatcga tagattcacc ttcttttatc ccagccgtta agagaaggat agtagctatt   180
    225 gttgcaatga ttattgctgc ggtttgccat agcttgtcga cagttgcttt ccaatctatt   240
    227 acgaataata aaattattac tccttcactt ttaggtttcg aatcacttta ttcagc        296
    230 <210> SEQ ID NO: 10
    231 <211> LENGTH: 615
    232 <212> TYPE: DNA
    233 <213> ORGANISM: Bacillus thuringiensis
    235 <400> SEQUENCE: 10
    237 ttccattgga tatattacgt cattagtact atcaaaatgt aatctcttta atgcttcgat    60
    239 gtaaataggc tctcttaagc cgatacgtgg caatatattc gacgctaaga tttcttttgg   120
    241 tgttcctatc gcaatgactt taccttcatc aattaatata actttgtcta aatccaggtt   180
    243 taaaatttct tctattctat gttcgataat aacaatcgtt ttattatatc gttcatgtat   240
    245 atctttcata agctttatcg catgtaaggc gcttagtgga tctaaattag ctaacggttc   300
    247 atcgaacaat aaatatatccg catttgttgt taataaaccc gctagagaaa ctgtttgctt   360
    249 ttgacctcct gataattcat atggactttg tttatgaaac gaaggcatct tcacctttgt   420
    251 taatgagtcc gaaacaatct ttttcatgtc atcttgcctt acacattcat tttctaaata   480
    253 aaaagctaca tcttcctcaa ctgtcaggcc aataaattga gcatcttgat ctagcaaaag   540
    255 tgttccaacc tgtttactcg cttcaagaat acaacctccc ctcggatctt taccggcaat   600
    257 taaaaagaaa cctgt                                                     615
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Input Set : D:\BT_CHROMOSOME.rpt
Output Set: N:\CRF3\09262000\I663779.raw

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260 <210> SEQ ID NO: 11
261 <211> LENGTH: 545
262 <212> TYPE: DNA
263 <213> ORGANISM: Bacillus thuringiensis
265 <400> SEQUENCE: 11
267 tatcctactt agaagtggaa acgtccttgc attgctacta ctgttacacc ttgaagtgta   60
269 ccaaatacta gttgacctgc atggccttct acagttgata ctgggaattc agggatttca  120
271 ctgtaaggta ctgttactgc gttctcaatt tcgtctgcta atacacctag tcctgatcca  180
273 aggattagtc ctacttgtgg tgtctcttga aatttctctt ttaagtatga agctgatttt  240
275 gtaataagtt cacgattcat ttgtttatcc ccctatttct ttagctcgtt taagaagctt  300
277 gatccgtatt ctggcatttt cacaccgaag ttttctgcta ctgttgcacc aatatcagca  360
279 aatgtttgac gaagtggtaa ttcttgtccg ccttctttca tgcttgggct atatgccaat  420
281 aatggtacat attcacgtgt atggtcagta ccagggtgaa ttggatcatc taccgggtct  480
283 gctgtaatta ataatagatc atttttcttt agttttgcga atacttctgg aagacgtgca  540
285 tcata                                                             545
288 <210> SEQ ID NO: 12
289 <211> LENGTH: 682
290 <212> TYPE: DNA
291 <213> ORGANISM: Bacillus thuringiensis
293 <400> SEQUENCE: 12
295 tgataatacc aaataaagcc gatgcactcg ttgttattgt atttggtata tcttttaagt   60
297 attcaatcgc atttttttca attgtttcaa tggaaacgta gttttgtgta gataaccatt  120
299 caaacaacct atgatgtgat aattcttgta tgtatacttt tccctctttt atgtagcctg  180
301 gcatattttt tactaagtcc attagctgtt gtgaaatcgt aggaacaact actccaacgc  240
303 caaccgcagt taatgttatg ataaaaagat ataacagcaa tatcgctaaa tttctaggta  300
305 cttttttatt ctccaaaaag attaatacag gattaaatat gaagtataaa aaaagcgcga  360
307 ttaagattgg gaaaaataat gttgatatga agataccaat cggttgaaat aaaaatgata  420
309 tttttgtgca aataaatatg attcctacaa ccattagcac ttctaatgtc caaaagtgca  480
311 cttttgattt caaaaaaatg gcctccttta aactagcact tgttttcatt gtaccaaaat  540
313 aaggattgaa tttcacataa tattttcctt tacaatattc caaaatacca ataaatacac  600
315 tacaatgaga ttatatacaa atttgcaggt taaggtgata aaaatgacac aatgcatcat  660
317 ttgcagaaaa gattcgaaag aa                                          682
320 <210> SEQ ID NO: 13
321 <211> LENGTH: 501
322 <212> TYPE: DNA
323 <213> ORGANISM: Bacillus thuringiensis
325 <400> SEQUENCE: 13
327 aaaatgaagc gttacatttt cacagagcgt aacggtatct acatcatcga cttacaaaaa   60
329 actgtgaaaa aagttgagga agcttacaga acggtgcgcg acatcgctgc tgaaggcgga  120
331 gacatcttat tcgtaggtac taaaaaacaa gcacaagaag ctattaaaga agaagcaact  180
333 cgtgctggta tgtacttcgt taaccaacgt tggttaggcg gaacttaac aaacttccaa  240
335 acaatccaaa agcgtatcaa gcgtcttaaa gacatcgaaa gaatgcaaga agatggtact  300
337 ttcgaagtac ttcctaagaa agaagttgtt caacttaaaa aagagttaga gcgtcttgag  360
339 aaattcttag gcggtattaa agatatgaaa ggtcttccaa gtgcattatt cgtagtagac  420
341 cctcgtaaag agcgtattgc agttgctgaa gcacgcaaat tacacattcc aatcatcggt  480
343 atcgttgata caaactgtga t                                           501
346 <210> SEQ ID NO: 14
347 <211> LENGTH: 528
348 <212> TYPE: DNA
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                   RAW SEQUENCE LISTING            DATE: 09/26/2000
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                   Input Set : D:\BT_CHROMOSOME.rpt
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     349 <213> ORGANISM: Bacillus thuringiensis
     351 <400> SEQUENCE: 14
     353 cgtgatatgc gacaggactt cgtgtttcaa aattgattgc actcatttag aagatgtaca    60
     355 tttaacgatg ggatttgttc gttgcatagg gaaagggaat aaagaaagaa ttattccact   120
     357 aggaagttta gcaacggaag cgattcaaaa gtatattgaa aaaggaagaa gagaattaat   180
     359 ggggaaaaaa gtagtagatg cactcttttt aaaccatcat ggtaatcgtt tatcaagaca   240
     361 cggattttgg aaaatattaa aacgattagc gaaagaagca aatattgaaa aagagcttac   300
     363 acctcatacg ttgcgtcact cgtttgctac gcacttatta gaaaatggag caattttacg   360
     365 tgctgtacaa gaaatgcttg gacatgcaga tatttcaacg actcaaatct atacgcacgt   420
     367 ttcaaaaact agattaaaag atgtatataa acagtttcat ccgagagcat agttactatg   480
     369 ctcttttttt catagattaa aaggggggaga ccgctttaca gaaacttt               528
     372 <210> SEQ ID NO: 15
     373 <211> LENGTH: 508
     374 <212> TYPE: DNA
     375 <213> ORGANISM: Bacillus thuringiensis
     377 <400> SEQUENCE: 15
     379 cttgtctggg ttttgattct aaaaaagaac aggtatcata tgcagcgggt cttttatata    60
     381 aactaaataa aacgatacct cagcatttaa caaataaaat aaaaaggcct gcttagaaag   120
     383 cagaacctt taccattgtt gcatttttac aggacgacgc tttgtttctt tcaacaaaaa   180
     385 gaaatatttc gcctctgcta ttttcaaaga acaaatgaca tcttgagacg gttctacact   240
     387 atggtcgacc attctcttgt gacgtaacca ctcattcttc acttttttcca aaagtacaat   300
     389 taacttatcg tcatactctt tacgcaattt acccttttttt tgaaagaaca ttttcgtttc   360
     391 tcctcttata cttctctgcg accttctaac gctttggata atgtcactta atctgcatat   420
     393 tctaaatctc caccaactgg cagaccatgt gcattacgag tcactttaat gcctgtaggt   480
     395 tttaagaggc gggagatata catcgctg                                     508
     398 <210> SEQ ID NO: 16
     399 <211> LENGTH: 589
     400 <212> TYPE: DNA
     401 <213> ORGANISM: Bacillus thuringiensis
     403 <220> FEATURE:
     404 <221> NAME/KEY: unsure
     405 <222> LOCATION: (1)...(589)
     406 <223> OTHER INFORMATION: unsure at all n locations
W--> 407 <400> SEQUENCE: 16
     409 attatcccta atatagtagc atcaaaggaa attaacaaag ttcttttttag tattttagga    60
     411 agtgtttgt gatccacagg gggattatat aaaccgatta aaatgcccaa agatagatat   120
     413 gccagtaata gccctaccca attccagatc caatcttgat ccccattaa attaaacaaa   180
     415 agcgcaatga tccctcctac tgcaagaatc gaagagatca taatactatt taaagctgat   240
     417 ttcatactat tttcacttcc ttaaaaattt tacaatacag cattgaagtc tactcttaag   300
     419 ttgtccttta cttattagat tccttttcat taaaaatctt ttatggaaat cccatcatat   360
     421 aatccggtca tcatacctaa tagcatatac ggagaatggg taggcccagc aaaaattaca   420
     423 tgtacatgat cacataccat aattttttaa ctgaatgaaa ctccaccaaa tcctattcac   480
     425 atggtagata tacaaatgag gatgccatta ccaacttgat ttgtatataa atattagacg   540
W--> 427 agtatagcta ctgcataacc tanataaatg cttgattttc atcgtcatc             589
     430 <210> SEQ ID NO: 17
     431 <211> LENGTH: 524
     432 <212> TYPE: DNA
     433 <213> ORGANISM: Bacillus thuringiensis
     435 <400> SEQUENCE: 17
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FYI

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

```
              VERIFICATION SUMMARY              DATE: 09/26/2000
              PATENT APPLICATION:  US/09/663,779    TIME: 12:25:25

              Input Set : D:\BT_CHROMOSOME.rpt
              Output Set: N:\CRF3\09262000\I663779.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:93 M:283 W: Missing Blank Line separator, <400> field identifier
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:407 M:283 W: Missing Blank Line separator, <400> field identifier
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:795 M:283 W: Missing Blank Line separator, <400> field identifier
L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1521 M:283 W: Missing Blank Line separator, <400> field identifier
L:1539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1795 M:283 W: Missing Blank Line separator, <400> field identifier
L:1815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:1929 M:283 W: Missing Blank Line separator, <400> field identifier
L:1953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:2331 M:283 W: Missing Blank Line separator, <400> field identifier
L:2351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:2489 M:283 W: Missing Blank Line separator, <400> field identifier
L:2519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:2531 M:283 W: Missing Blank Line separator, <400> field identifier
L:2561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3145 M:283 W: Missing Blank Line separator, <400> field identifier
L:3165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120
L:3615 M:283 W: Missing Blank Line separator, <400> field identifier
L:3633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136
L:3845 M:283 W: Missing Blank Line separator, <400> field identifier
L:3861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:3935 M:283 W: Missing Blank Line separator, <400> field identifier
L:3957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147
L:3997 M:283 W: Missing Blank Line separator, <400> field identifier
L:4025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149
L:4135 M:283 W: Missing Blank Line separator, <400> field identifier
L:4157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153
L:4461 M:283 W: Missing Blank Line separator, <400> field identifier
L:4465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163
L:4559 M:283 W: Missing Blank Line separator, <400> field identifier
L:4579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166
L:5229 M:283 W: Missing Blank Line separator, <400> field identifier
L:5251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:5559 M:283 W: Missing Blank Line separator, <400> field identifier
L:5581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196
L:6465 M:283 W: Missing Blank Line separator, <400> field identifier
L:6491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225
L:6565 M:283 W: Missing Blank Line separator, <400> field identifier
L:6603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228
L:6763 M:283 W: Missing Blank Line separator, <400> field identifier
L:6779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234
L:6945 M:283 W: Missing Blank Line separator, <400> field identifier
L:6979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239
```

VERIFICATION SUMMARY   DATE: 09/26/2000
PATENT APPLICATION: US/09/663,779   TIME: 12:25:25

Input Set : D:\BT_CHROMOSOME.rpt
Output Set: N:\CRF3\09262000\I663779.raw

L:7599 M:283 W: Missing Blank Line separator, <400> field identifier
L:7625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257
L:8669 M:283 W: Missing Blank Line separator, <400> field identifier
L:8697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288
L:9973 M:283 W: Missing Blank Line separator, <400> field identifier
L:10001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:323
L:10401 M:283 W: Missing Blank Line separator, <400> field identifier
L:10437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:334
L:11511 M:283 W: Missing Blank Line separator, <400> field identifier
L:11553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:360
L:11763 M:283 W: Missing Blank Line separator, <400> field identifier
L:11793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:366
L:12001 M:283 W: Missing Blank Line separator, <400> field identifier
L:12041 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:372
L:12725 M:283 W: Missing Blank Line separator, <400> field identifier
L:12763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389
L:12923 M:283 W: Missing Blank Line separator, <400> field identifier
L:12963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:393
L:13779 M:283 W: Missing Blank Line separator, <400> field identifier
L:13817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:414
L:14763 M:283 W: Missing Blank Line separator, <400> field identifier
L:14791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:435
L:14849 M:283 W: Missing Blank Line separator, <400> field identifier
L:14857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:437
L:15195 M:283 W: Missing Blank Line separator, <400> field identifier
L:15235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:444
L:15341 M:283 W: Missing Blank Line separator, <400> field identifier
L:15383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447
L:15389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:447
L:15849 M:283 W: Missing Blank Line separator, <400> field identifier
L:15887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:458
L:17195 M:283 W: Missing Blank Line separator, <400> field identifier
L:17237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:487
L:17239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:487
L:17301 M:283 W: Missing Blank Line separator, <400> field identifier
L:17335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:489
L:17337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:489
L:17619 M:283 W: Missing Blank Line separator, <400> field identifier
L:17677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:495
L:17679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:495
L:17921 M:283 W: Missing Blank Line separator, <400> field identifier
L:17963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:500
L:18069 M:283 W: Missing Blank Line separator, <400> field identifier
L:18113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:503
L:18395 M:283 W: Missing Blank Line separator, <400> field identifier
L:18461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:510
L:19185 M:283 W: Missing Blank Line separator, <400> field identifier
L:19245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:525
L:21007 M:283 W: Missing Blank Line separator, <400> field identifier

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                VERIFICATION SUMMARY              DATE: 09/26/2000
                PATENT APPLICATION:  US/09/663,779    TIME: 12:25:25

                Input Set : D:\BT_CHROMOSOME.rpt
                Output Set: N:\CRF3\09262000\I663779.raw

L:21051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:558
L:23335 M:283 W: Missing Blank Line separator, <400> field identifier
L:25639 M:283 W: Missing Blank Line separator, <400> field identifier
L:26479 M:283 W: Missing Blank Line separator, <400> field identifier
L:26533 M:283 W: Missing Blank Line separator, <400> field identifier
```